## Claims

 A benzamide derivative represented by the following general formula (I):

wherein the symbols have the following meanings:

$$A : \begin{array}{c} R^{11} \\ R^{12} N - \\ R^{15} \end{array} \xrightarrow{R^{14}} G$$

L: a lower alkylene,

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D ring and E ring: the same or different, a monocyclic or bicyclic hydrocarbon ring, or a 5- to 12-membered monocyclic or bicyclic heteroaromatic ring containing 1 to 4 atoms of one or more kinds of heteroatoms selected from the group consisting of N, S, and O,

G ring: a 4- to 12-membered monocyclic or bicyclic heterocycle containing 1 to 4 atoms of one or more kinds of heteroatoms selected from the group consisting of N, S, and O,

R<sup>1</sup> to R<sup>9</sup>: the same or different, a hydrogen atom, a halogen atom, a lower alkyl, a halogen-substituted lower

alkyl, -OH, -SH, -O-lower alkyl, -O-lower alkyl-NH-lower alkyl, -O-lower alkyl-N(lower alkyl)<sub>2</sub>, =O, -NH<sub>2</sub>, -NH-lower alkyl, -N(lower alkyl)<sub>2</sub>, -S-lower alkyl, -SO-lower alkyl, -SO<sub>2</sub>-lower alkyl, -CN, -COOH, -C(=O)-O-lower alkyl,

- 5 -C(=0)-NH<sub>2</sub>, -C(=0)-NH-lower alkyl, -C(=0)-N(lower alkyl)<sub>2</sub>,
  -NH-C(=0)-O-lower alkyl, -NH-SO<sub>2</sub>-lower alkyl, -SO<sub>2</sub>-NH<sub>2</sub>,
  -SO<sub>2</sub>-NH-lower alkyl, -C(=0)-lower alkyl, -NO<sub>2</sub> or a
  nitrogen-containing saturated heterocycle,
  R<sup>10</sup>: a hydrogen atom or a lower alkyl,
- 10 R<sup>11</sup> to R<sup>15</sup>: the same or different, a hydrogen atom, a halogen atom, a lower alkyl, a halogen-substituted lower alkyl, -OH, -O-lower alkyl, -S-lower alkyl, -SO-lower alkyl, -SO<sub>2</sub>-lower alkyl, =O, -C(=O)H, -C(=O)-lower alkyl, -COOH, -CN, -NH<sub>2</sub>, -NH-lower alkyl, -N(lower alkyl)<sub>2</sub>,
- -C(=0)-NH<sub>2</sub>, -C(=0)-NH-lower alkyl, -C(=0)-N(lower alkyl)<sub>2</sub>,
  -C(=0)-aryl, -C(=0)-NH-aryl, -NH-C(=0)-lower alkyl, -NHC(=0)-aryl, -NH-SO<sub>2</sub>-lower alkyl, -N(lower alkyl)-SO<sub>2</sub>-lower
  alkyl, -lower alkylene-NH-SO<sub>2</sub>-lower alkyl, -lower
  alkylene-NH-SO<sub>2</sub>-aryl, -C(=0)-O-lower alkyl, -lower
- alkylene-OH, -lower alkylene-C(=O)-NH-lower alkyl, -lower alkylene-C(=O)-N(lower alkyl)<sub>2</sub>, -lower alkylene-C(=O)-NH<sub>2</sub>, -lower alkylene-C(=O)-OH, -lower alkylene-O-lower alkyl, -lower alkylene-S-lower alkyl, -lower alkylene-O-C(=O)-lower alkyl, -lower alkylene-NH-lower alkyl, -lower
- 25 alkylene-N(lower alkyl)<sub>2</sub>, -lower alkylene-aryl, a cycloalkyl, an aryl, -(4- to 12-membered monocyclic or

bicyclic heterocycle containing 1 to 4 atoms of one or more kinds of heteroatoms selected from the group consisting of N, S, and O), -O-(4- to 12-membered monocyclic or bicyclic heterocycle containing 1 to 4 atoms of one or more kinds of heteroatoms selected from the 5 group consisting of N, S, and O), -lower alkylene-(4- to 12-membered monocyclic or bicyclic heterocycle containing 1 to 4 atoms of one or more kinds of heteroatoms selected from the group consisting of N, S, and O), -C(=0)-(4-to)12-membered monocyclic or bicyclic heterocycle containing 10 1 to 4 atoms of one or more kinds of heteroatoms selected from the group consisting of N, S, and O), -lower alkylene-N(lower alkyl)-(4- to 12-membered monocyclic or bicyclic heterocycle containing 1 to 4 atoms of one or more kinds of heteroatoms selected from the group 15 consisting of N, S, and O), or -C(=0)-NH-(4- to 12-membered monocyclic or bicyclic heterocycle containing 1 to 4 atoms of one or more kinds of heteroatoms selected from the group consisting of N, S, 20 and O), and the above monocyclic or bicyclic heterocycle may be substituted by halogen atom(s), lower alkyl(s), -O-lower alkyl, or -OH,

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or a salt thereof.

- 2. The compound according to claim 1, wherein the ring represented by E in the above formula (I) is a benzene or thiophene ring.
- 3. The compound according to claim 2, wherein the group represented by A in the above formula (I) is the following formula:

- wherein the G ring and  $R^{13}$  to  $R^{15}$  have the same meanings as in the above formula (I).
  - 4. The compound according to claim 3, wherein the ring represented by G in the above formula (I) is a nitrogen-containing saturated heterocycle and the ring nitrogen atom is bonded to L.

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- 5. The compound according to claim 3, wherein the ring represented by G in the above formula (I) is a ring selected from morpholine, piperidine, or pyrrolidine and the ring nitrogen atom of the ring group is bonded to L.
- 6. The compound according to claim 3, wherein the ring represented by D in the above formula (I) is a ring

selected from benzothiazole, quinoline, isoquinoline, indoline, tetrahydroquinoline, tetrahydroisoquinoline, 3,4-dihydro-2H-1,4-benzoxazine, dihydroquinoline, and dihydroisoquinoline.

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7. The compound according to claim 3, wherein the ring represented by D in the above formula (I) together with the groups represented by R<sup>6</sup> to R<sup>9</sup> to be bonded thereto form a group selected from the following formulae:

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$$R^{8a}$$
 $R^{6a}$ 
 $R^{6b}$ 
 $R^{7b}$ 
 $R^{7b}$ 

wherein the symbols have the following meanings:

 $R^{6a}$  and  $R^{6b}$ : the same or different, a hydrogen atom, a lower alkyl, or a halogen-substituted lower alkyl, and  $R^{7a}$ ,  $R^{8a}$ ,  $R^{7b}$ , and  $R^{8b}$ : the same or different, a hydrogen atom, a halogen atom, a lower alkyl, or a halogen-substituted lower alkyl.

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8. The compound according to claim 3, wherein the ring represented by D in the above formula (I) together with the groups represented by R<sup>6</sup> to R<sup>9</sup> to be bonded thereto form a group selected from the following formulae:

$$R^{8c} \xrightarrow{R^{6c}} R^{7c} \qquad R^{8d} \xrightarrow{R^{7d}} R^{7d}$$

wherein the symbols have the following meanings:  $R^{6c}$  and  $R^{6d}$ : the same or different, a hydrogen atom, a lower alkyl, or a halogen-substituted lower alkyl, and  $R^{7c}$ ,  $R^{8c}$ ,  $R^{7d}$ , and  $R^{8d}$ : the same or different, a hydrogen atom, a halogen atom, a lower alkyl, or a halogen-substituted lower alkyl.

9. The compound according to claim 2, wherein the group represented by A in the above formula (I) is the following formula:

wherein the symbols have the following meanings:

R<sup>11a</sup> and R<sup>12a</sup>: the same or different, a hydrogen atom, a lower alkyl, a halogen-substituted lower alkyl, -O-lower alkyl, -SO<sub>2</sub>-lower alkyl, -C(=O)H, -C(=O)-lower alkyl, -CN, -NH<sub>2</sub>, -NH-lower alkyl, -N(lower alkyl)<sub>2</sub>, -C(=O)-NH<sub>2</sub>, -C(=O)-NH-lower alkyl, -C(=O)-N(lower alkyl)<sub>2</sub>, -C(=O)- aryl, -C(=O)-NH-aryl, -NH-C(=O)-lower alkyl, -NH-C(=O)- aryl, -NH-SO<sub>2</sub>-lower alkyl, -N(lower alkyl)-SO<sub>2</sub>-lower alkyl, -lower alkylene-NH-SO<sub>2</sub>- aryl, -C(=O)-O-lower alkyl, -lower alkylene-OH, -lower

alkylene-C(=0)-NH-lower alkyl, -lower alkylene-C(=0)-N(lower alkyl)<sub>2</sub>, -lower alkylene-C(=0)-NH<sub>2</sub>, -lower alkylene-C(=0)-OH, -lower alkylene-O-lower alkyl, -lower alkylene-S-lower alkyl, -lower alkylene-O-C(=O)-lower alkyl, -lower alkylene-NH-lower alkyl, -lower alkylene-N(lower alkyl)2, -lower alkylene-aryl, a cycloalkyl, an aryl, -(4- to 12-membered monocyclic or bicyclic heterocycle containing 1 to 4 atoms of one or more kinds of heteroatoms selected from the group consisting of N, S, and O), -O-(4- to 12-membered monocyclic or bicyclic 10 heterocycle containing 1 to 4 atoms of one or more kinds of heteroatoms selected from the group consisting of N, S, and O), -lower alkylene-(4- to 12-membered monocyclic or bicyclic heterocycle containing 1 to 4 atoms of one or 15 more kinds of heteroatoms selected from the group consisting of N, S, and O), -C(=0)-(4- to 12-membered)monocyclic or bicyclic heterocycle containing 1 to 4 atoms of one or more kinds of heteroatoms selected from the group consisting of N, S, and O), -lower alkylene-N(lower 20 alkyl)-(4- to 12-membered monocyclic or bicyclic heterocycle containing 1 to 4 atoms of one or more kinds of heteroatoms selected from the group consisting of N, S, and O), or -C(=O)-NH-(4- to 12-membered monocyclic or bicyclic heterocycle containing 1 to 4 atoms of one or more kinds of heteroatoms selected from the group 25 consisting of N, S, and O), and

the above monocyclic or bicyclic heterocycle may be substituted by a halogen atom, a lower alkyl, -O-lower alkyl, or -OH.

- 10. The compound according to claim 9, wherein R<sup>11a</sup> is a lower alkyl and R<sup>12a</sup> is a group selected from -lower alkylene-O-lower alkyl, -lower alkylene-S-lower alkyl, -lower alkylene-NH-lower alkyl, -lower alkylene-N(lower alkyl)<sub>2</sub>, -lower alkylene-OH, -lower alkylene-C(=O)-NH-lower alkyl, -lower alkylene-C(=O)-N(lower alkyl)<sub>2</sub>, -lower alkylene-aryl, a cycloalkyl, an aryl, -(monocyclic or bicyclic heterocycle), and -lower alkylene-(monocyclic or bicyclic heterocycle).
- 11. The compound according to claim 9, wherein the ring represented by D in the above formula (I) is a ring selected from benzothiazole, quinoline, isoquinoline, indoline, tetrahydroquinoline, tetrahydroisoquinoline, 3,4-dihydro-2H-1,4-benzoxazine, dihydroquinoline, and dihydroisoquinoline.
  - 12. The compound according to claim 9, wherein the ring represented by D in the above formula (I) together with the groups represented by  $R^6$  to  $R^9$  to be bonded thereto form a group selected from the following formulae:

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$$\mathbb{R}^{8a}$$
 $\mathbb{R}^{6a}$ 
 $\mathbb{R}^{7a}$ 
 $\mathbb{R}^{8b}$ 
 $\mathbb{R}^{7b}$ 

wherein the symbols have the following meanings:  $R^{6a}$  and  $R^{6b}$ : the same or different, a hydrogen atom, a lower alkyl, or a halogen-substituted lower alkyl, and  $R^{7a}$ ,  $R^{8a}$ ,  $R^{7b}$ , and  $R^{8b}$ : the same or different, a hydrogen atom, a halogen atom, a lower alkyl, or a halogen-substituted lower alkyl.

13. The compound according to claim 9, wherein the
10 ring represented by D in the above formula (I) together
with the groups represented by R<sup>6</sup> to R<sup>9</sup> to be bonded
thereto form a group selected from the following formulae:

$$\mathsf{R}^{\mathsf{8c}} \overset{\mathsf{R}^{\mathsf{6d}}}{\underset{\mathsf{R}^{\mathsf{7c}}}{\bigvee}} \mathsf{R}^{\mathsf{8d}} \overset{\mathsf{R}^{\mathsf{6d}}}{\underset{\mathsf{R}^{\mathsf{7d}}}{\bigvee}} \mathsf{R}^{\mathsf{7d}}$$

- wherein the symbols have the following meanings:

  R<sup>6c</sup> and R<sup>6d</sup>: the same or different, a hydrogen atom, a
  lower alkyl, or a halogen-substituted lower alkyl, and

  R<sup>7c</sup>, R<sup>8c</sup>, R<sup>7d</sup>, and R<sup>8d</sup>: the same or different, a hydrogen
  atom, a halogen atom, a lower alkyl, or a halogen
  substituted lower alkyl.
  - 14. The compound according to claim 1 or a salt thereof, wherein the benzamide derivative represented by

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the above formula (I) is at least one kind of compounds
    selected from the group consisting of N-1,3-benzothiazol-
    5-yl-2-{[cyclohexyl(isopropyl)amino]methyl}biphenyl-4-
    carboxamide, N-(1-methyl-2-oxo-1,2,3,4-tetrahydroquinolin-
    7-y1)-2-(piperidin-1-ylmethyl)biphenyl-4-carboxamide, N-
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    (3,3-dimethyl-2-oxo-2,3-dihydro-1H-indol-6-yl)-2-
    (piperidin-1-ylmethyl)biphenyl-4-carboxamide, 2-{[ethyl(2-
    hydroxy-2-methylpropyl)amino]methyl}-N-(2-methyl-3-oxo-
    3,4-dihydro-2H-1,4-benzoxazin-6-yl)biphenyl-4-carboxamide,
    N-(1-methyl-2-oxo-1,2-dihydroquinolin-7-yl)-2-(piperidin-
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    1-ylmethyl)biphenyl-4-carboxamide, N-(3-methyl-2-oxo-1,2-
    dihydroquinolin-7-yl)-2-(piperidin-1-ylmethyl)biphenyl-4-
    carboxamide, N-(2,4-dimethyl-3-oxo-3,4-dihydro-2H-1,4-
    benzoxazin-6-yl)-2-(piperidin-1-ylmethyl)biphenyl-4-
    carboxamide, 2-{[ethyl(tetrahydro-2H-pyran-4-
15
    y1) amino]methy1}-N-(1-methy1-2-oxo-1,2,3,4-
    tetrahydroquinolin-7-yl)biphenyl-4-carboxamide, N-(1-
    methyl-2-oxo-1,2,3,4-tetrahydroquinolin-7-yl)-3-
    (piperidin-1-ylmethyl)-4-(2-thienyl)benzamide, 2-
    {[ethyl(tetrahydro-2H-thiopyran-4-yl)amino]methyl}-N-(1-
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    methy1-2-oxo-1,2,3,4-tetrahydroquinolin-7-yl)bipheny1-4-
    carboxamide, 2-{[isobutyl(2-piperidin-1-
    vlethyl) amino]methyl}-N-(2-methyl-3-oxo-3,4-dihydro-2H-
    1,4-benzoxazin-6-yl)biphenyl-4-carboxamide, N,N-diethyl-4-
    [(4-{[(1-methyl-2-oxo-1,2,3,4-tetrahydroquinolin-7-
25
    yl)amino]carbonyl}biphenyl-2-yl)methyl]morpholine-3-
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carboxamide, and 2-[(4-methyl-1,3'-bipiperidin-1'-yl)methyl]-N-(2-methyl-3-oxo-3,4-dihydro-2H-1,4-benzoxazin-6-yl)biphenyl-4-carboxamide.

- 5 15. A pharmaceutical composition comprising a benzamide derivative represented by the general formula (I) according to claim 1 or a salt thereof and a pharmaceutically acceptable carrier.
- 10 16. The composition according to claim 15, which is a VR1 activation inhibitor.
  - 17. The composition according to claim 15, which is a preventive or therapeutic agent for pains.

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18. Use of a benzamide derivative represented by the general formula (I) according to claim 1 or a salt thereof for manufacturing a preventive or therapeutic agent for pains.

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19. A method for preventing or treating pain, which comprises administering an effective amount of a benzamide derivative represented by the general formula (I) according to claim 1 or a salt thereof, to a mammal.